



Banner Flexible Registration Images Customization Guide

Release 8.6
June 2013



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Revision History

Publication Date	Summary
June 2013	New version that supports Banner Flexible Registration 8.6 software.

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Customizing images

This guide discusses customizing the images in the Banner Flexible Registration module of the Banner Student System.

Prior to version 8.5, images were compiled into the application Adobe Flash file (SWF). This approach improved performance since images were not downloaded at runtime, but had the effect of producing a larger Adobe Flash file and limiting the ability to effectively brand the interface.

With version 8.5, images are loaded at run time. This ensures that modifications to images are immediately available to end users.

Modifying images

To use a customized version of an image requires that the existing image be replaced by a new file.

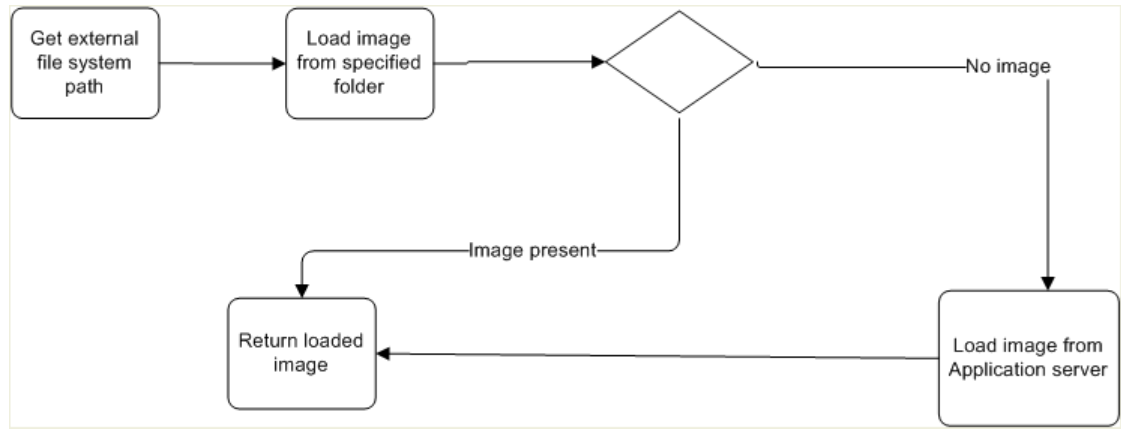
There are some limitations that dictate to what degree an image can be modified:

- The name of the image file **MUST NOT** change. Case of the filename is strictly enforced by the HTTP protocol. One cannot replace the file *preload.png* with *PRELOAD.PNG*. While the only difference is the case of the letters, the HTTP protocol dictates that these are in fact two different files.
- The type of the image file **MUST NOT** change.
- One cannot replace *preload.png* with *preload.jpg*.
- The dimensions of the image **SHOULD NOT** change.
- Modifying the width or height of an image can have unexpected consequences. The UI may not correctly account for the size change, which could result in image trimming (parts of the image are not displayed), resizing of the image to fit in the space available, or causing other reformatting errors.
- Institutions should configure Banner Flexible Registration to use the External Resources feature. For more information, see [“Externalizing images” on page 5](#).

Externalizing images

With Version 8.5, support for externalizing resources was introduced. This feature was provided to address the issue where changes must be applied to either the Enterprise Archive file (EAR) or the deployed web application. In either case, a redeploy of the EAR (perhaps to apply a patch or upgrade) would overwrite the local installation changes. By externalizing the images, institutions could configure Banner Flexible Registration to look

for image files in a different directory, the resource folder, first. If the image was found in resource folder, then that image would be downloaded by the browser. If not, the image deployed with Banner Flexible Registration would be downloaded. The following diagram shows how the externalized images are loaded by Banner Flexible Registration:



Institutions are encouraged to use the Externalized Resource feature. Refer to the *Banner Flexible Registration Administration Guide* for detailed directions on establishing a resource folder and configuring Banner Flexible Registration to use the externalized folder.

Upgrade reference

The following section describes the differences in the images used from version 8.5.5 to version 8.6.

Updated images

The following images were added for 8.6.

- icn-step-active.png
- icn-step-done.png
- icn-step-upcoming.png
- step-indicator-divider.png
- step-indicator-divider-active-lft.png
- step-indicator-divider-active-rt.png